

| MEDIUM TEMPERATURE | R452A / R404A | | R449A | | EN13215 SH10 | | | | | | | | | | |
|--|-----------------------|-------|-----------------------|-------|--------------------------|-----------------|------|-----|----------|-------|-----------------|-----------------|-------------------|--------|-----------------|
| Embraco Code | Cooling Capacity (kW) | | Cooling Capacity (kW) | | Max. Power Absorbed (kW) | Dimensions (mm) | | | Weight | I max | Fan (mono) | Liquid Receiver | Connections (SAE) | | Sound Level 10m |
| | -10°C | 0°C | -10°C | 0°C | +10°C | A | L | P | Net (kg) | (A) | Air Flow (m³/h) | (dm³) | Suction | Liquid | (dB) (A) |
| Compressor 230V - 1ph - 50Hz - Fan 230V - 1ph - 50Hz | | | | | | | | | | | | | | | |
| UP-NEU6212GK | 0,83 | 1,21 | 0,81 | 1,21 | 0,61 | 600 | 982 | 484 | 67 | 5,3 | 1695 | 1,6 | 3/8 | 1/4 | 28 |
| UP-NEU6215GK | 1,1 | 1,57 | 1,09 | 1,59 | 0,84 | 600 | 982 | 484 | 67 | 6,7 | 1695 | 1,6 | 3/8 | 1/4 | 28 |
| UP-NT6222GK | 1,32 | 1,87 | 1,31 | 1,9 | 1,12 | 600 | 982 | 484 | 69 | 8,5 | 1695 | 1,6 | 1/2 | 3/8 | 29 |
| UP-NT6224GK | 1,67 | 2,42 | 1,63 | 2,4 | 1,23 | 600 | 982 | 484 | 69 | 9 | 1523 | 2,3 | 1/2 | 3/8 | 29 |
| UP-NT6226GK | 1,81 | 2,62 | 1,8 | 2,66 | 1,34 | 600 | 982 | 484 | 69 | 10,3 | 1523 | 2,3 | 1/2 | 1/4 | 29 |
| UP-NJ9232GK | 1,93 | 2,86 | 2,04 | 3,07 | 1,56 | 600 | 982 | 484 | 76 | 10,3 | 1523 | 2,3 | 5/8 | 3/8 | 30 |
| UP-NTU6238GKV | 2,24 | 3,2 | 2,27 | 3,29 | 1,52 | 600 | 982 | 484 | 76 | 16,7 | 1523 | 2,3 | 5/8 | 3/8 | 30 |
| UP-SE6015GK | 3,57 | 5,08 | 3,73 | 5,21 | 2,56 | 708 | 1082 | 490 | 92 | 14,3 | 2673 | 3,9 | 5/8 | 1/2 | 33 |
| UP-SE6018GK | 4,26 | 6,05 | 4,45 | 6,21 | 2,98 | 708 | 1082 | 490 | 92 | 16,6 | 2545 | 3,9 | 3/4 | 1/2 | 33 |
| UP-SE6021GK | 4,74 | 6,69 | 4,96 | 6,89 | 3,42 | 708 | 1082 | 490 | 92 | 18,4 | 2545 | 3,9 | 3/4 | 1/2 | 33 |
| Compressor 400V - 3ph - 50Hz - Fan 230V - 1ph - 50Hz | | | | | | | | | | | | | | | |
| UP-NJ9232GS | 2,04 | 3,05 | 2,04 | 3,07 | 1,61 | 600 | 982 | 484 | 76 | 4,2 | 1523 | 2,3 | 5/8 | 3/8 | 30 |
| UP-NJ9238GS | 2,46 | 3,51 | 2,48 | 3,57 | 1,94 | 600 | 982 | 484 | 76 | 4,4 | 1523 | 2,3 | 5/8 | 3/8 | 30 |
| UP-NJX6250GS | 3,26 | 4,61 | 3,27 | 4,72 | 2,48 | 708 | 1082 | 490 | 92 | 6 | 2673 | 3,9 | 5/8 | 3/8 | 34 |
| UP-SE6015GS | 3,58 | 5,08 | 3,73 | 5,22 | 2,51 | 708 | 1082 | 490 | 92 | 5,7 | 2673 | 3,9 | 3/4 | 1/2 | 33 |
| UP-SE6018GS | 4,27 | 6,07 | 4,46 | 6,22 | 2,83 | 708 | 1082 | 490 | 92 | 6,3 | 2545 | 3,9 | 3/4 | 1/2 | 33 |
| UP-SE6021GS | 4,76 | 6,71 | 4,98 | 6,91 | 3,23 | 708 | 1082 | 490 | 92 | 7 | 2545 | 3,9 | 3/4 | 1/2 | 33 |
| UP-SE6026GS | 6,28 | 8,97 | 6,53 | 9,18 | 3,86 | 1005 | 1277 | 538 | 107 | 8,5 | 5195 | 6 | 7/8 | 5/8 | 36 |
| UP-SE6030GS | 6,99 | 9,95 | 7,30 | 10,20 | 4,34 | 1005 | 1277 | 538 | 107 | 9,9 | 5195 | 6 | 7/8 | 5/8 | 36 |
| UP-SE6036GS | 8,73 | 12,46 | 9,08 | 12,74 | 5,05 | 1005 | 1277 | 538 | 107 | 11,7 | 4739 | 6 | 7/8 | 5/8 | 36 |

| MEDIUM TEMPERATURE | R134a | | R513A | | EN13215 SH10 | | | | | | | | | | |
|--|-----------------------|------|-----------------------|------|--------------------------|-----------------|------|-----|----------|-------|-----------------|-----------------|-------------------|--------|-----------------|
| Embraco Code | Cooling Capacity (kW) | | Cooling Capacity (kW) | | Max. Power Absorbed (kW) | Dimensions (mm) | | | Weight | I max | Fan (mono) | Liquid Receiver | Connections (SAE) | | Sound Level 10m |
| | -10°C | 0°C | -10°C | 0°C | +10°C | A | L | P | Net (kg) | (A) | Air Flow (m³/h) | (dm³) | Suction | Liquid | (dB) (A) |
| Compressor 230V - 1ph - 50Hz - Fan 230V - 1ph - 50Hz | | | | | | | | | | | | | | | |
| UP-NEU6214Z | 0,87 | 1,33 | 0,9 | 1,33 | 0,78 | 600 | 982 | 484 | 67 | 6,5 | 1695 | 1,6 | 3/8 | 1/4 | 28 |
| UP-NJ6220Z | 1,16 | 1,74 | 1,18 | 1,76 | 1,17 | 600 | 982 | 484 | 69 | 10,3 | 1695 | 1,6 | 1/2 | 1/4 | 28 |
| UP-NJ6226Z | 1,48 | 2,14 | 1,51 | 2,16 | 1,47 | 600 | 982 | 484 | 69 | 10,3 | 1695 | 1,6 | 1/2 | 1/4 | 29 |
| UP-SE6015GK | 2,19 | 3,35 | 2,29 | 3,43 | 1,54 | 708 | 1082 | 490 | 92 | 14,3 | 2673 | 3,9 | 3/4 | 1/2 | 33 |
| UP-SE6018GK | 2,61 | 3,99 | 2,73 | 4,09 | 1,78 | 708 | 1082 | 490 | 92 | 16,6 | 2545 | 3,9 | 3/4 | 1/2 | 33 |
| UP-SE6021GK | 2,95 | 4,48 | 3,07 | 4,58 | 2,01 | 708 | 1082 | 490 | 92 | 18,4 | 2545 | 3,9 | 3/4 | 1/2 | 33 |
| Compressor 400V - 3ph - 50Hz - Fan 230V - 1ph - 50Hz | | | | | | | | | | | | | | | |
| UP-NJ6226ZX | 1,61 | 2,26 | 1,63 | 2,26 | 1,4 | 600 | 982 | 484 | 69 | 4,3 | 1695 | 3,9 | 1/2 | 1/4 | 29 |
| UP-SE6015GS | 2,19 | 3,35 | 2,29 | 3,44 | 1,51 | 708 | 1082 | 490 | 92 | 5,7 | 2673 | 3,9 | 3/4 | 1/2 | 33 |
| UP-SE6018GS | 2,62 | 3,99 | 2,73 | 4,1 | 1,69 | 708 | 1082 | 490 | 92 | 6,3 | 2545 | 3,9 | 3/4 | 1/2 | 33 |
| UP-SE6021GS | 2,95 | 4,49 | 3,07 | 4,59 | 1,91 | 708 | 1082 | 490 | 92 | 7 | 2545 | 3,9 | 3/4 | 1/2 | 33 |
| UP-SE6026GS | 3,81 | 5,82 | 3,99 | 6 | 2,36 | 1005 | 1277 | 538 | 107 | 8,5 | 5195 | 6 | 7/8 | 5/8 | 36 |
| UP-SE6030GS | 4,29 | 6,54 | 4,48 | 6,72 | 2,61 | 1005 | 1277 | 538 | 107 | 9,9 | 5195 | 6 | 7/8 | 5/8 | 36 |
| UP-SE6036GS | 5,28 | 8,06 | 5,52 | 8,3 | 3,08 | 1005 | 1277 | 538 | 107 | 11,7 | 4739 | 6 | 7/8 | 5/8 | 36 |

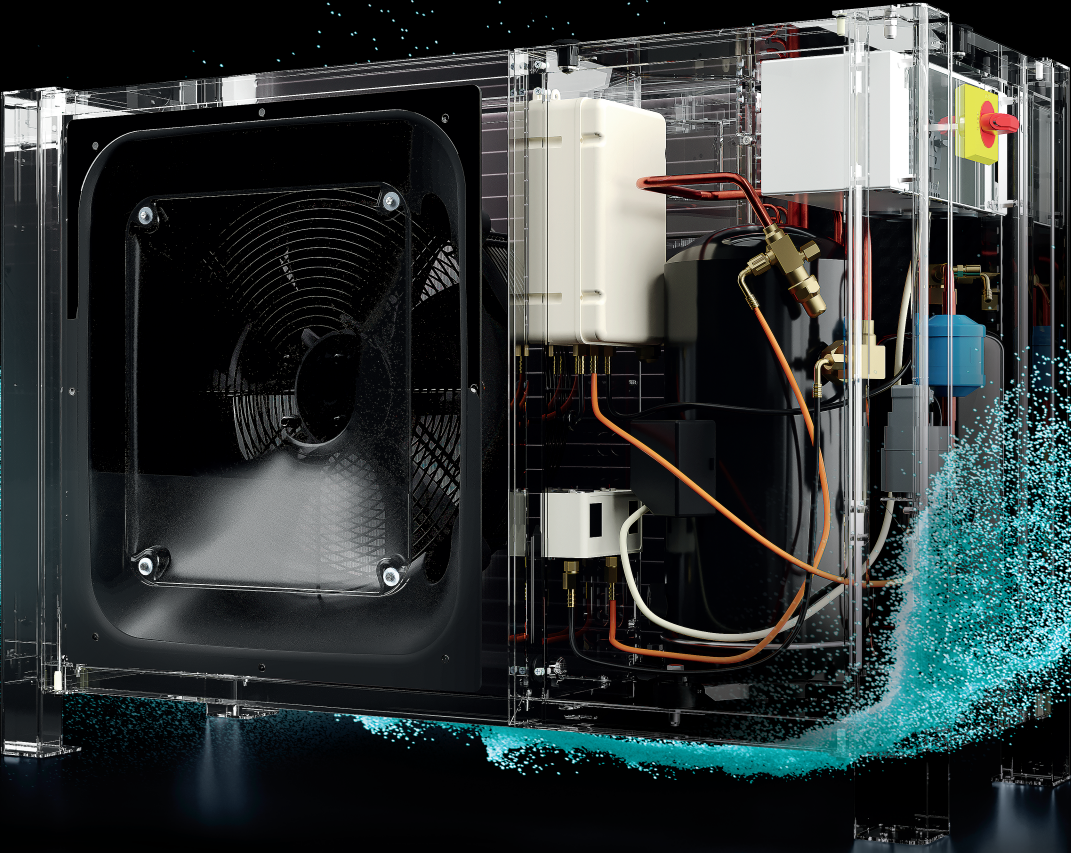
| LOW TEMPERATURE | R452A / R404A | | R449A | | EN13215 SH10 | | | | | | | | | | |
|--|-----------------------|-------|-----------------------|-------|--------------------------|-----------------|------|-----|----------|-------|-----------------|-----------------|-------------------|--------|-----------------|
| Embraco Code | Cooling Capacity (kW) | | Cooling Capacity (kW) | | Max. Power Absorbed (kW) | Dimensions (mm) | | | Weight | I max | Fan (mono) | Liquid Receiver | Connections (SAE) | | Sound Level 10m |
| | -35°C | -30°C | -35°C | -30°C | -10°C | A | L | P | Net (kg) | (A) | Air Flow (m³/h) | (dm³) | Suction | Liquid | (dB) (A) |
| Compressor 230V - 1ph - 50Hz - Fan 230V - 1ph - 50Hz | | | | | | | | | | | | | | | |
| UP-NT2180GK | 0,49 | 0,63 | 0,38 | 0,51 | 0,99 | 600 | 982 | 484 | 69 | 8,7 | 1695 | 1,6 | 1/2 | 1/4 | 29 |
| UP-NT2192GK | 0,52 | 0,68 | 0,41 | 0,55 | 1,06 | 600 | 982 | 484 | 69 | 8,5 | 1695 | 1,6 | 1/2 | 3/8 | 29 |
| UP-NT2212GK | 0,69 | 0,9 | 0,54 | 0,72 | 1,32 | 600 | 982 | 484 | 69 | 9,6 | 1523 | 2,3 | 1/2 | 3/8 | 29 |
| UP-SE2006GK | 1,18 | 1,46 | 1,21 | 1,51 | 1,68 | 708 | 1082 | 490 | 92 | 11,4 | 2673 | 3,9 | 3/4 | 3/8 | 33 |
| UP-SE2008GK | 1,47 | 1,82 | 1,53 | 1,9 | 2,2 | 708 | 1082 | 490 | 92 | 14,3 | 2673 | 3,9 | 3/4 | 3/8 | 33 |
| UP-SE2010GK | 1,7 | 2,1 | 1,77 | 2,19 | 2,63 | 708 | 1082 | 490 | 92 | 16,7 | 2673 | 3,9 | 3/4 | 3/8 | 33 |
| Compressor 400V - 3ph - 50Hz - Fan 230V - 1ph - 50Hz | | | | | | | | | | | | | | | |
| UP-NJX2219GS | 1,02 | 1,34 | 0,84 | 1,12 | 1,91 | 708 | 1082 | 490 | 88 | 4,4 | 2673 | 1,6 | 1/2 | 3/8 | 34 |
| UP-SE2006GS | 1,18 | 1,46 | 1,21 | 1,51 | 1,67 | 708 | 1082 | 490 | 92 | 4,7 | 2673 | 3,9 | 3/4 | 3/8 | 33 |
| UP-SE2008GS | 1,47 | 1,82 | 1,53 | 1,9 | 2,16 | 708 | 1082 | 490 | 92 | 5,8 | 2673 | 3,9 | 3/4 | 3/8 | 33 |
| UP-SE2010GS | 1,7 | 2,1 | 1,77 | 2,2 | 2,56 | 708 | 1082 | 490 | 92 | 6,7 | 2673 | 3,9 | 3/4 | 3/8 | 33 |
| UP-SE2012GS | 2,29 | 2,84 | 2,36 | 2,94 | 3,17 | 1005 | 1277 | 538 | 107 | 8,5 | 5195 | 6 | 7/8 | 1/2 | 36 |
| UP-SE2014GS | 2,65 | 3,28 | 2,74 | 3,41 | 3,42 | 1005 | 1277 | 538 | 107 | 9,4 | 5195 | 6 | 7/8 | 1/2 | 36 |
| UP-SE2017GS | 3,1 | 3,83 | 3,22 | 3,99 | 4 | 1005 | 1277 | 538 | 107 | 10,7 | 5195 | 6 | 7/8 | 1/2 | 36 |
| UP-SE2020GS | 3,57 | 4,41 | 3,73 | 4,61 | 4,75 | 1005 | 1277 | 538 | 107 | 12,3 | 5195 | 6 | 7/8 | 1/2 | 36 |

embraco
Nidec

Embraco
Bioma

For Asia and Pacific region

Silent Unit



Hear nothing but the possibilities

embraco
Nidec

Hear nothing but the possibilities

The quietest condensing unit for this range



Silent: with a robust design that absorbs vibrations, models range from 28 to 36 dB



Robust design: Stackability and longitudinal airflow

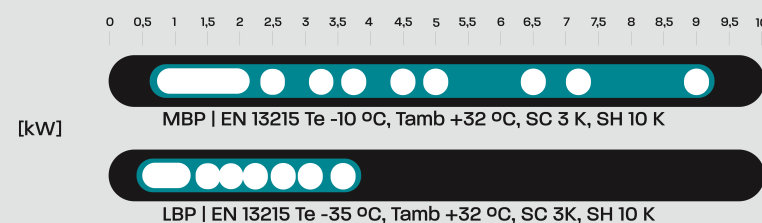


Easy access to all internal components



High-efficiency compressors with multiple refrigerant implementation

Refrigeration capacity

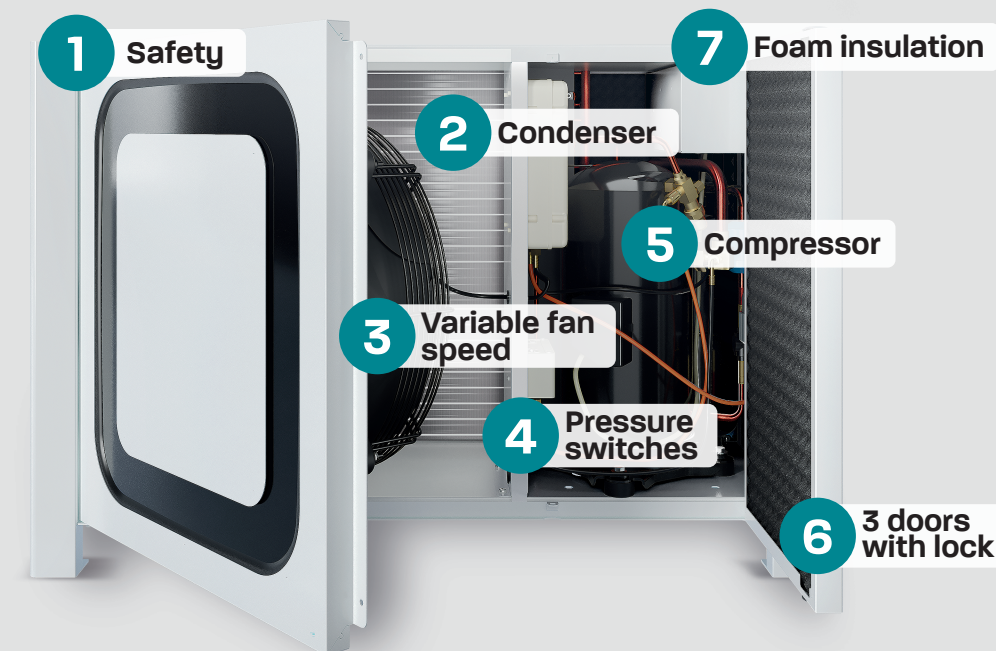


Main applications:
Cold Rooms



Available in

- ✓ R452A
- ✓ R449A
- ✓ R513A
- ✓ R404A
- ✓ R134a



1. Safety

The electrical box of Bioma is designed without compromises: there are dedicated safety switches for the main power supply, compressor and fan, to protect you and the unit in every foreseeable condition.

2. Condenser

Fin&tubes technology, in order to withstand severe in-field conditions. The cleaning is easy thanks to dedicated door wich integrates the fan assembly.

3. Variable fan speed

With regulation based on pressure of condensation is equipped as standard. It contributes both to the reduction of noise and electrical consumption.

4. Pressure switches

The whole product line up is equipped with a dual adjustable pressure switch with automatic reset both for high and low pressure.

5. Compressor

The units are equipped with Embraco reciprocating or scroll compressors, depending on the model, all with crankcase heater, offering a wide capacity and ambient temperature range. LBP extended working envelope is possible through scrolls liquid injection technology.

6. 3 doors with lock

Openable with just a quarter of key turn, provide full and fast accessibility to all the refrigeration circuit, making maintenance easy.

7. Foam insulation

Is the material that, positioned on 5 sides of the chassis, provide noise reduction at max level the market can offer.



embraco
toolboxapp

PSS

Product
Selector



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more
information